

Report of Analysis

Client:	G Environmental		Date Collected:	02/27/25	
Project:	Fisal		Date Received:	02/27/25	
Client Sample ID:	T2		SDG No.:	Q1463	
Lab Sample ID:	Q1463-02		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	94.5	
Sample Wt/Vol:	6.31	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group2	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021478.D	1		03/11/25 12:01	vy031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	0.97	U	0.97	4.20	ug/Kg
75-01-4	Vinyl Chloride	0.65	U	0.65	4.20	ug/Kg
74-83-9	Bromomethane	0.86	U	0.86	4.20	ug/Kg
75-00-3	Chloroethane	0.85	U	0.85	4.20	ug/Kg
75-65-0	Tert butyl alcohol	13.1	U	13.1	21.0	ug/Kg
75-35-4	1,1-Dichloroethene	0.65	U	0.65	4.20	ug/Kg
67-64-1	Acetone	5.20	U	5.20	21.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	4.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.56	U	0.56	4.20	ug/Kg
75-09-2	Methylene Chloride	11.6		2.90	8.40	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.70	U	0.70	4.20	ug/Kg
75-34-3	1,1-Dichloroethane	0.53	U	0.53	4.20	ug/Kg
78-93-3	2-Butanone	4.80	U	4.80	21.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.73	U	0.73	4.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.51	U	0.51	4.20	ug/Kg
67-66-3	Chloroform	0.56	U	0.56	4.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.65	U	0.65	4.20	ug/Kg
71-43-2	Benzene	0.60	U	0.60	4.20	ug/Kg
107-06-2	1,2-Dichloroethane	0.51	U	0.51	4.20	ug/Kg
79-01-6	Trichloroethene	0.63	U	0.63	4.20	ug/Kg
78-87-5	1,2-Dichloropropane	0.55	U	0.55	4.20	ug/Kg
75-27-4	Bromodichloromethane	0.47	U	0.47	4.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	21.0	ug/Kg
108-88-3	Toluene	6.60		0.56	4.20	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.50	4.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.48	U	0.48	4.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.70	U	0.70	4.20	ug/Kg
591-78-6	2-Hexanone	4.00	U	4.00	21.0	ug/Kg
124-48-1	Dibromochloromethane	0.55	U	0.55	4.20	ug/Kg
127-18-4	Tetrachloroethene	0.75	U	0.75	4.20	ug/Kg

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108-90-7	Chlorobenzene	0.62	U	0.62	4.20	ug/Kg
100-41-4	Ethyl Benzene	1.40	J	0.52	4.20	ug/Kg
179601-23-1	m/p-Xylenes	9.20		1.10	8.40	ug/Kg
95-47-6	o-Xylene	3.50	J	0.59	4.20	ug/Kg
100-42-5	Styrene	0.50	U	0.50	4.20	ug/Kg
75-25-2	Bromoform	0.68	U	0.68	4.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.92	U	0.92	4.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	39.8		70 (63) - 130 (155)	80%	SPK: 50
1868-53-7	Dibromofluoromethane	37.3		70 (70) - 130 (134)	75%	SPK: 50
2037-26-5	Toluene-d8	47.1		70 (74) - 130 (123)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.1		70 (38) - 130 (136)	74%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	303000	7.683			
540-36-3	1,4-Difluorobenzene	461000	8.603			
3114-55-4	Chlorobenzene-d5	364000	11.426			
3855-82-1	1,4-Dichlorobenzene-d4	129000	13.353			
TENTATIVE IDENTIFIED COMPOUNDS						
000115-10-6	Dimethyl ether	90.1	J		2.00	ug/Kg
000471-03-4	Bis(2-chloroethyl) sulfone	7.50	J		2.49	ug/Kg
74-88-4	Methyl Iodide	6.90	J		3.87	ug/Kg
000121-43-7	Boric acid, trimethyl ester	100	J		6.38	ug/Kg
000540-36-3	Benzene, 1,4-difluoro-	15.8	J		8.72	ug/Kg
000620-14-4	Benzene, 1-ethyl-3-methyl-	4.50	J		12.7	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	1.80	J		12.7	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.10	J		13.0	ug/Kg
91-20-3	Naphthalene	2.10	J		15.2	ug/Kg

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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products